

19970809.ba v01\_n610.bam.970809 v01\_n611.bam.970809

>From ???@??? Sat Aug 09 01:18:43 1997  
Message-Id: <199708090503.AAA18391@sco.theporch.com>  
Date: Sat, 9 Aug 1997 00:03:24 CDT  
Subject: BOATANCHORS digest 1610

BOATANCHORS Digest 1610

Topics covered in this issue include:

- 1) Re: HQ-170 Slot Circuit  
by Mike Toneri <toneri@ils.net>
- 2) Re: TUBE 7094: Any info?  
by Mike Toneri <toneri@ils.net>
- 3) Morrow Collection Gone --Most Johnsons still available  
by "Larry" <rau@wco.com>
- 4) FW: 5 KW AM Transmitter  
by Ed Sieb <esieb@gmsiworld.com>
- 5) CU-26/ART-13 (What were ART-13s doing in AM BCB?)  
by "Bob Duckworth" <wb4mnf@atl.org>
- 6) Re: foam packing used by UPS  
by Paul Nelson <drhydro@ames.net>
- 7) Re: CU-26/ART-13 (What were ART-13s doing in AM BCB?)  
by Ken Gordon <keng@uidaho.edu>
- 8) Re: TUBE 7094: Any info?  
by "Gary N. Anderson" <ganderso@neumedia.net>
- 9)  
by Matt Jodziewicz <mattj@oraus.com>
- 10) FS: BC-375 TU-5-B's  
by Brian.Harris@sv.sc.philips.com (Brian Harris)
- 11) Re: HQ-170 Slot Circuit  
by "Grant Youngman" <nq5t@gte.net>
- 12) Ethics of key cleaning  
by Cosmo224@aol.com
- 13) Re: HQ-170 Slot Circuit  
by "David L. Thompson" <thompson@mindspring.com>
- 14) Re: Receiver Filtering  
by Ed Tanton <n4xy@bellsouth.net>
- 15) Latest status on J-36 survey  
by "Paul, K4MSG and/or Sandra, The BW" <bocks@erols.com>
- 16) Hallicrafters SX23  
by laffitte@prtc.net (laffitte)
- 17)  
by w8xq@juno.com (JEFF D WILDER)
- 18) Linearize COSMOS PTO  
by n5off@w5ddl.aara.org
- 19) Re: Hallicrafters SX23

by bdhall@ghg.net (Benjamin D. Hall)  
20) Johnson Viking  
by Larry Boyle <lbkd6wi@ns.net>  
21) WTD Info fm QST-May '56  
by Mike Maloney <ac5p@ionet.net>  
22) F/S Heath 6M amp  
by MNHopkins@aol.com  
23) Model 28 TTY parts  
by Mike Sewell <K0CRX@compuserve.com>  
24) New arrival in the shack HP 712B  
by "David L. Thompson" <thompson@mindspring.com>  
25) Globe King Panels - Repainting ?  
by "Larry" <rau@wco.com>  
26) part needed  
by Billy Wiggins <bwiggg@worldnet.att.net>

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Date: Fri, 8 Aug 1997 15:56:49 -0500 (GMT-0500)  
From: Mike Toneri <toneri@ils.net>  
To: ccheney@foxboro.com  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: HQ-170 Slot Circuit  
Message-ID: <199708082056.PAA06581@server1.ils.net>

>The tunable inductor was missing on my HQ-170 so I made a replacement  
>starting with an old tunable loopstick. With this I can tune the slot to  
>the IF frequency but the dip is quite broad (i.e., useless).

>

I have an HQ170A, all original, and the dip is so broad as to be almost  
useless. Also the dip is only about 20 db in depth. It is impossible to get  
it any better than that even after following the factory alignment  
procedure. This is a contrast with my SX115 notch filter which is very sharp  
and 55 - 60 db in depth.

73...Mike VE3FGU

\*\*\*\*\*  
Mike & Lynda Toneri E-mail: toneri@ils.net  
Keswick, Ontario  
WEBPAGE: <http://www.geocities.com/heartland/meadows/8218>  
\*\*\*\*\*

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Date: Fri, 8 Aug 1997 15:56:51 -0500 (GMT-0500)  
From: Mike Toneri <toneri@ils.net>

To: arc5@ix.netcom.com  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: TUBE 7094: Any info?  
Message-ID: <199708082056.PAA06584@server1.ils.net>

At 09:30 AM 8/8/97 -0500, arc5@ix.netcom.com wrote:

>I picked-up two NIB and pretty power  
>tubes known as RCA 7094. Anyone know  
>anything about them?  
>  
>73 DE Dave AB5S  
>arc5@ix.netcom.com

There is a very nice construction article in both the 15th and 16th edition of the Radio Handbook using the 7094 in grounded grid service. The amplifier is rated at 350 watts PEP input power with 15 watts of driving power.  
73...Mike VE3FGU

\*\*\*\*\*  
Mike & Lynda Toneri E-mail: toneri@ils.net  
Keswick, Ontario  
WEBPAGE: <http://www.geocities.com/heartland/meadows/8218>  
\*\*\*\*\*

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Date: Fri, 8 Aug 1997 14:03:22 -0700  
From: "Larry" <rau@wco.com>  
To: "boatanchors" <boatanchors@theporch.com>  
Subject: Morrow Collection Gone --Most Johnsons still available  
Message-ID: <199708082005.NAA12817@shell.wco.com>

>From Capt Larry Rau W6WUH:

Bob Kerby W4BLD picked up my Morrow collection.

-----  
Date: Fri, 8 Aug 1997 16:53:34 -0400  
From: Ed Sieb <esieb@gmsiworld.com>  
To: "'BoatAnchors'" <boatanchors@sco.theporch.com>  
Subject: FW: 5 KW AM Transmitter  
Message-ID: <01BCA41B.9DEA9500@dstephen.gmsiworld.com>

Posted by Skip Osborn/K2RJF on August 07, 1997 at 22:15:49: on WB3HUZ's  
"The AM Radio Page" Web Site:

I have a Westinghouse 5KW AM modulator (military surplus)  
for sale. It has 833 tubes in the output and 811's in  
the driver. It runs off of 220VAC and is in a 6 foot  
high by 1 foot wide custom rack cabinet.  
I live in the Trenton, NJ area and need someone to  
be able to pick it up.

Thanks, Skip K2RJF (609-586-1578)

Please call Skip, \_NOT ME\_.

-----  
Date: Fri, 8 Aug 1997 17:54:04 +0100  
From: "Bob Duckworth" <wb4mnf@atl.org>  
To: "ba" <boatanchors@theporch.com>  
Subject: CU-26/ART-13 (What were ART-13s doing in AM BCB?)  
Message-ID: <199708082050.QAA09829@atl.org>

Picked up a CU-26/ART-13 trailing wire "antenna loading unit"  
at the flea market this AM. 500Kc to 1500Kc

Thought it might be nice for matching RX antenna for BCB  
listening. Variable coupling to tapped coil and a big mica 'C'

All the while I was rationalizing the exchange I kept wondering,  
"What were ART-13s doing in AM BCB?"

-bob  
wb4mnf

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Date: Fri, 8 Aug 1997 16:33:38 -0500  
From: Paul Nelson <drhydro@ames.net>  
To: Ho4bart@aol.com  
Cc: boatanchors@sco.theporch.com  
Subject: Re: foam packing used by UPS  
Message-ID: <v03010d06b010dc340277@[206.29.126.180]>

>this relates to packaging materials used by UPS  
>(in normal times!)

>  
>In a message dated 97-08-06 11:12:33 EDT,  
>carruth@swbell.net (Lenox Carruth) writes:  
>  
>>  
>> Hue,  
>>  
>> UPS does the foam packaging. I have never seen what  
>the stuff looks like. I just take the item to be shipped to them  
  
>h.m.: it's not like the foam was blown in around the item. it's in  
>"beanbag" like bags, maybe about one foot across, each. the  
>actual foam material is not visible, as each "beanbag has an  
>outer covering of thin loose plastic material, kind of like shopping

<snip>

>those beanbags for just such a purpose. i wonder why the plastic  
>bag around it, is the foam itself abrasive or hard on paint somehow??

The foam is actually created in those bags.... the system pops out a plastic bag of a specified length, squirts a measured amount of two very hazardous liquid chemicals into it, then heat-seals the top (which forms the bottom of the next bag) and cuts the bag loose... the packer then puts the bag into the box where it needs to go (the foam is expanding while this is done) and closes things up before he/she can't!

We've used such a system at my company- abandoned it because of the hazardous chemicals.

Note- once the foam has expanded, the reaction is complete... no more hazard.

Paul Nelson W5GNF  
Ames, Iowa

"When I go, I want to go quietly, in my  
sleep, like my grandfather- not  
screaming, like his passengers."

(DrHydro@ames.net)

Cessna 140 N77149

"More hay, Trigger?"

"No thanks, Roy, I'm stuffed."

-----  
Date: Fri, 8 Aug 1997 14:44:18 -0700 (PDT)  
From: Ken Gordon <keng@uidaho.edu>  
To: Bob Duckworth <wb4mnf@atl.org>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: CU-26/ART-13 (What were ART-13s doing in AM BCB?)

Message-ID: <Pine.BSF.3.95.970808144054.28974C-100000@piobaire.mines.uidaho.edu>

On Fri, 8 Aug 1997, Bob Duckworth wrote:

> Picked up a CU-26/ART-13 trailing wire "antenna loading unit"  
> at the flea market this AM. 500Kc to 1500Kc  
>  
> Thought it might be nice for matching RX antenna for BCB  
> listening. Variable coupling to tapped coil and a big mica 'C'  
>  
> All the while I was rationalizing the exchange I kept wondering,  
> "What were ART-13s doing in AM BCB?"

In Europe that band was, in times past, used for other things than BCB.  
Also, there were times (rare but nonetheless real) when it was necessary  
to provide BC capability to recently captured areas.

MacArthur used a BC-610 operating in the BCB for his, "...I have  
returned..." message. I have heard a recording of it and there is quite a  
bit of AC hum on his voice. Sounds like a typical BC-610 too.

Ken W7EKB

-----  
Date: Fri, 08 Aug 1997 17:36:51 -0400  
From: "Gary N. Anderson" <ganderso@neumedia.net>  
To: arc5@ix.netcom.com  
Cc: boatanchors@theporch.com  
Subject: Re: TUBE 7094: Any info?  
Message-ID: <199708082138.RAA16283@noc.neumedia.net>

At 09:30 AM 8/8/97 -0500, you wrote:  
>I picked-up two NIB and pretty power  
>tubes known as RCA 7094. Anyone know  
>anything about them?  
>

Used in the Hallicrafters HT-41 Amplifier. It was the largest  
tube with an indirectly-heated cathode I ever heard of.

Anyone who still has their HT-41 will be e-mailing you shortly :-)

Gary N. Anderson	Amateur Call: W8IVF
Green Bank, WV	(WAS WA4IVF)
"Always do right. This will gratify some people and astonish the rest." Mark Twain	

-----  
Date: Fri, 8 Aug 1997 14:54:05 -0700  
From: Matt Jodziewicz <mattj@oraus.com>  
To: "'boatanchors@theporch.com'" <boatanchors@theporch.com>  
Message-ID: <01BCA40A.EB87B920@mattj.oraus.com>

Gang I need some help in deciding which of two CW filters to install in my receiver. One is 500 Hz the other 270 Hz. Both are crystal. I know the selectivity arguments, etc. but would appreciate any comments regarding ease of listening for long CW periods, better to have a wider BW and hear what the band is doing, a little bit of QRM is ok, etc.

Biased opinions welcomed!!!

Thanks 73 de Matt WB2VZS

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Date: Fri, 8 Aug 1997 16:42:44 -0700  
From: Brian.Harris@sv.sc.philips.com (Brian Harris)  
To: boatanchors@theporch.com  
Subject: FS: BC-375 TU-5-B's  
Message-ID: <00094D7A.1914@svlima.sv.sc.philips.com>

For Sale:

Two BC-375 tuning units, both are TU-5-B types, which cover 1.5 to 3.0 Mc.

#1 is original. The front panel is fair to good.

#2 has had the two ceramic coils removed. The front panel is good+.

Conditions of sale:

#1 - \$30 plus shipping from 75080

#2 - \$15 plus shipping from 75080

#1 and #2 - \$40 plus shipping from 75080

Brian Harris WA5UEK 'The Cosmophone Collector'

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Date: Fri, 8 Aug 1997 17:39:05 -0500  
From: "Grant Youngman" <nq5t@gte.net>  
To: Mike Toneri <toneri@ils.net>, boatanchors@sco.theporch.com  
Subject: Re: HQ-170 Slot Circuit  
Message-ID: <199708082239.RAA09509@smtp.gte.net>

First person said ...

> > .... but the dip is quite broad (i.e., useless).  
> >

To which another person replied ...

> I have an HQ170A, all original, and the dip is so broad as to be almost  
> useless. Also the dip is only about 20 db in depth. It is impossible to get  
> it any better than that even after following the factory alignment  
> procedure. This is a contrast with my SX115 notch filter which is very sharp  
> and 55 - 60 db in depth.

Then BOTH of you have a problem with your notch filter. The HQ-170/180  
notch is very sharp and very good when working correctly.

Grant/NQ5T

-----  
Grant Youngman / NQ5T

nq5t@gte.net  
BA pics at <http://home1.gte.net/nq5t>  
Double Oak, TX -- nr Dallas

-----  
Date: Fri, 8 Aug 1997 18:39:28 -0400 (EDT)  
From: Cosmo224@aol.com  
To: boatanchors@theporch.com  
Subject: Ethics of key cleaning  
Message-ID: <970808183859\_131691283@emout08.mail.aol.com>

Howdy all

While snooping around an antique fair in London, I stopped  
by a store advertising antique wireless gear. I ended up  
buying a very old commercial spark key. The price was  
a bit expensive but was told by the shop owner that the  
key would have gone for alot more if someone did not try



to clean it. Sure enuf, some dolt tried to clean the brass key parts with what looked like an SOS pad! This was evidenced by the scratches in the surface. To add insult to injury, the cleaning was half a\*\*ed with many parts still dirty where the offending pad could not reach. The person who did this should be flogged.

Anyway, I face an ethical question regarding this key. I can attempt to dismantle it and use some brass cleaning agents to thoroughly clean the key properly. The scratches could be taken out with an ultra fine grit polishing paper (?). The other option is to leave the key as is. I am not sure about cleaning because from speaking to coin collectors, a cleaned antique coin is worth less than a coin with some build up on it. From a radio stand point, usually one would clean up an old set and restore it to a new appearance. I never plan to sell this key and I feel that cleaning and some TLC will reduce the indignity that the key has suffered. Im not sure what the antique key slant is on this. Any thoughts or restoration hints would be appreciated. BTW, a similar key appears in the first chapter of the Don Wallace W6AM book.

73 de AA9IL  
Mike Kana

-----  
Date: Fri, 8 Aug 1997 18:51:27 -0400 (EDT)  
From: "David L. Thompson" <thompson@mindspring.com>  
To: boatanchors@sco.theporch.com  
Subject: Re: HQ-170 Slot Circuit  
Message-ID: <1.5.4.16.19970808175513.38276996@pop.mindspring.com>

The slot circuit was designed by W2AMJ (W4AMJ now) for the HC-10/SPC-10 and later added to the HQ145, 170, and 180.

Quote from the Intro page of the HC-10 manual:  
"One of the really 'special' features of the HC-10 is the razor-sharp slot filter."

On page 10 is the slot response curve.

The specs say : Range +-5kcs attenuation 40DB or better Max is 60DB.

The QST review in 1957 or 1958 spent a good part of the review on the "effective" slot.

I wonder if the IF is mis-tuned from 455kcs?

Dave K4JRB

-----  
Date: Fri, 08 Aug 1997 19:10:50 -0400  
From: Ed Tanton <n4xy@bellsouth.net>  
To: mattj@orausa.com  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Receiver Filtering  
Message-ID: <3.0.1.32.19970808191050.00a11d70@mail.atl.bellsouth.net>

At 02:54 PM 8/8/97 -0700, Matt Jodziewicz wrote:

>Gang I need some help in deciding which of two CW filters  
>to install in my receiver. One is 500 Hz the other 270 Hz.  
>Both are crystal. I know the selectivity arguments, etc. but  
>would appreciate any comments regarding ease of listening  
>for long CW periods, better to have a wider BW and hear what  
>the band is doing, a little bit of QRM is ok, etc.

>  
>Biased opinions welcomed!!!

>  
> Thanks 73 de Matt WB2VZS  
>

For me it has always really depended on the specific sound of the narrow filter... some of them ARE mellow enough to listen to most of the time (I find QSOs with the wider filters, then narrow down as necessary.) On my TR-7 I usually prefer not to use the narrow (300Hz) filter except for necessity... whereas on my OMNI VI (soon to be OMNI VI+) I actually prefer the narrow (250Hz 1st IF & 500Hz 2nd IF) position once the QSO is established. I will be getting a 2nd 250Hz filter during the upgrade.

Finally, I have a toroidal audio filter from a Ham Radio Mag circuit in the late 70s or early 80s... it is >200 Hz wide, does not ring, and is THE best sounding filter of any I own-including my NIR-12 Dual DSP. The audiophile HIFI types talk about differences in sound between tubes and transistors, and while I am not going to get into that-much-I believe there are differences that are not readily observed on instruments... perhaps harmonic content, perhaps risetimes, I don't know. But that toroidal filter is my hands-down favorite for the WAY it sounds.

I have an old MIL boatanchor audio generator, designed-I believe-for telephone work (600 ohm output) that tunes linearly but with 10 Hz (or 100-I forget) calibration marks on the dial... and it puts out the sweetest, purest, mellowest supposedly-single-frequency tones I've ever

If I had one piece of advice, I would say-if you cannot compare-buy the 500 for skirts, and use audio filtering from there.

72/73

QRP-ARCI #7663	G-QRP #6779	OK-QRP #172	QRP-L #758	
AdvRC #140	NORCAL #1779		NCDXF	SEDXC
Life Member:	ARRL	AMSAT	INDEXA	QCWA

"Think you can, think you can't: either way you're right!" Henry Ford

Following is the latest status on the J-36 survey:

\* Only Vibroplex received multiple orders from the Army for J-36s. Vibroplex re-started the serial sequence with each new order

received, which is why many of the serial numbers on Vibroplex  
J-36s are so low.

The survey continues; if you haven't reported your info to me,  
please do so. For those who have participated, THANK YOU!

73,

Paul, K4MSG

-----  
Date: Fri, 08 Aug 1997 20:55:56 -0300  
From: laffitte@prtc.net (laffitte)  
To: boatanchors@theporch.com  
Subject: Hallicrafters SX23  
Message-ID: <33EBB20C.60EA@prtc.net>

Hello anchorites! I still need HELP in restringing the cord that  
controls the bandselector indicator in the SX23. Has anybody restoring  
an SX23 done this? The manual doesn't have any indication on how to do  
it. I guess they thought it was permanent. Well I,m sure they didn't  
think that this radio was still going to be used almost 60 years later.  
We will not get this service from any sandbox!

One other note. In the last 20 years I have owned 3 R390As. I bought my  
first one from Fair in 1979 (may they last forever). Lately I obtained  
an R390 and I like its performance better than the 390A even though  
there are no mechanical filters here. Any comments on this observation  
from those of you that have experience with both sets?

TNX and 73s Guido E. Santacana KP4FAR  
BA collector in the tropics  
San Juan, Puerto Rico

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Date: Fri, 08 Aug 1997 21:13:48 EDT  
From: w8xq@juno.com (JEFF D WILDER)  
To: boatanchors@theporch.com  
Message-ID: <19970808.211754.19119.0.W8XQ@juno.com>

Hello  
Looking for type C connector for my R390A ( Unbal Jack ). Is there a  
source? Please reply if you can help. Thanks

" Forever AM "

Jeff D Wilder ( W8XQ )  
Email : w8xq@juno.com  
Phone: (616) 381-4133

-----  
Date: Sat, 09 Aug 1997 01:15:38 UTC  
From: n5off@w5ddl.aara.org  
To: boatanchors@theporch.com  
Subject: Linearize COSMOS PT0  
Message-ID: <64144@w5ddl.aara.org>

Today I linearized a Cosmos PT0. Piece of cake.

As described in the Cosmos patent sheet, the gadget can be linearized with external adjustments, unlike the Collins or Motorola.

I used a freq counter and an external reference marker. I set the gadget at the endpoints with the regular endpoint adjustment, freqs are the normal 3455-2455 kcs in ten turns.

Under the second screw cap will be a series of screws which translate in a circular fashion as the PT0 is operated. The depths of these screws for the surface over which the adjusting cam rides as the knob is turned.

One can set the screws every 25 kcs. I wimped out and went for every 100 kcs. It was quite easy (if you've done a Collins endpoint before and are familiar with the general object of the game).

The endpoint settings stayed put as the linearizing adjustments were done, something I didnot expect.

For endpoint, turn the endpoint screw clockwise for more output in ten turns (the typical adjustment necessary after aging).

For the linearizing screws, turn counter-clockwise for a higher frequency. If the screw does not respond, it means one or more adjacent screws are shaping the cam path and are dominating the screw you are working on. Go to the next one and turn it in the requisite direction to return command to the screw which is closest to your desired setpoint.

Play with it (its kinda fun). Its satisfying to be able to nail the adjustments.

73 Bonne Chance  
Tom N5OFF

-----  
Date: Fri, 08 Aug 1997 20:26:54 -0500  
From: bdhall@ghg.net (Benjamin D. Hall)  
To: laffitte@prtc.net  
Cc: BoatAnchors@SCO.ThePorch.Com  
Subject: Re: Hallicrafters SX23  
Message-ID: <3.0.32.19970808202522.006cd1e8@mailman.ghgcorp.com>

> One other note. In the last 20 years I have owned 3 R390As. I bought my  
>first one from Fair in 1979 (may they last forever). Lately I obtained  
>an R390 and I like its performance better than the 390A even though  
>there are no mechanical filters here. Any comments on this observation  
>from those of you that have experience with both sets?

I gotta admit, I like my R-725 (R-390A with an R-390 deck) better than my  
R-390A. Mostly I think this is because I use them mostly for SW BC work,  
and the 390 deck has skirts that are less steep than the mech filters in  
the 390A. I think the serious CW folks like the 390A better.

What says ye old CW pfartes?

Now if I could just fix the audio in the R-725 and get rid of the slight  
hum and pump up the volume so that it is LOUD LOUD LOUD like my R-390A...

73,  
Ben  
(old CW pfarte wanna be)  
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Benjamin D. Hall, KD5BYB (yes, the FCC finally issued my call!)  
Engine and radio collector / operator extraordinaire.  
Located in Houston, Texas, United States of America.  
e-mail: BDHall@ghg.net web: <http://www.ghgcorp.com/bdhall>

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Date: Fri, 08 Aug 1997 18:30:46 -0700  
From: Larry Boyle <lbkd6wi@ns.net>  
To: Boatanchors list <boatanchors@theporch.com>  
Subject: Johnson Viking  
Message-ID: <33EBC846.9F16D3ED@ns.net>

My friend is looking for the meter cover for a Viking Valiant. He would  
also take the whole meter if he had to. Any help??? Larry B.

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Date: Fri, 8 Aug 1997 21:28:38 -0500 (CDT)  
From: Mike Maloney <ac5p@ionet.net>  
To: boatanchors@sco.theporch.com  
Subject: WTD Info fm QST-May '56  
Message-ID: <199708090228.VAA16801@mail.ionet.net>

Am looking for information re a product detector circuit in this issue. If someone has this issue handy and could help me, please reply direct. Thanks

73/Mike

-----  
Date: Fri, 8 Aug 1997 22:37:10 -0400 (EDT)  
From: MNHopkins@aol.com  
To: Boatanchors@theporch.com  
Cc: SMIRK@qsl.net  
Subject: F/S Heath 6M amp  
Message-ID: <970808223707\_-587710201@emout12.mail.aol.com>

Mine since '79, this 2-6146 Model HA-20 amp (#4171) was the companion to the 10W HX-30 6M SSB TX. A previous owner, blind I am told, had a 3/8 inch hole drilled below the meter and above the Dystrom signature. I covered it with a chassis plug and it looks like an adjustment port, but unit definately not mint.

It is original. Paint over 95%, all knobs, everything works, \$175 and ship 43, pounds according to original manual.

Michael, AB5L, in Dallas, MNHopkins@AOL.com

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Date: Fri, 8 Aug 1997 22:32:58 -0400  
From: Mike Sewell <K0CRX@compuserve.com>  
To: BOATANCHORS <boatanchors@theporch.com>  
Subject: Model 28 TTY parts  
Message-ID: <199708082233\_MC2-1CB4-845E@compuserve.com>

Green-key dudes and dudettes,

I have a fair inventory of model 28 spare parts. Also have some paper and paper tape. If you need something, let me know and I'll see what I can

find.

73, Mike

K 0 Collects Radios eXclusively/WPE0CFK

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Date: Fri, 8 Aug 1997 23:23:42 -0400 (EDT)  
From: "David L. Thompson" <thompson@mindspring.com>  
To: boatanchors@sco.theporch.com  
Subject: New arrival in the shack HP 712B  
Message-ID: <1.5.4.16.19970808222728.3837643a@pop.mindspring.com>

Picked up a HP 712B Regulated Power Supply today from UPS (regular worker in UPS suit in UPS van). Looks in good shape except for a dent in the cabinet behind the handle. Weights in at 78 lbs so the need for the handles!

Wish I could find a manual without going to HP archives (takes 6 weeks and cost \$\$\$\$)...anyone with a manual or know where I can get one??

It looks like a KW amp with the old HP logo on the bottom center of the front panel. 0 to 500VDC @ up to 200ma. Actually there are three VDC choices...0 to 150V, 0 to 500V, and 0 to -150V bias. Also provides 6.3VAC @10A. Should power up most BA gear (Elmacs, etc) with no pain altho 200ma is marginal for over 60 watts Should also power other gear like the SB-10 and two Homebrew transmitters from a master builder who is retiring to South Florida.

2 big meters, one for volts (dual scale 150 and 500) and the other for current ( 0 to 200ma). Well fused at every point.

Anyone familiar with this PS that has some tips please pass them on...I do see that HP says wait 30 seconds after power on to turn on the HV. Guess I need to peak inside at XMTR and rectifiers (probably built like a tank!!!).

Replies to me not BA..

Dave K4JRB  
thompson@mindspring.com

-----  
Date: Fri, 8 Aug 1997 21:30:37 -0700  
From: "Larry" <rau@wco.com>  
To: "boatanchors" <boatanchors@theporch.com>  
Subject: Globe King Panels - Repainting ?  
Message-ID: <199708090332.UAA23188@shell.wco.com>



Is anyone repainting and silk screening Globe King 500 panels ?

If not, does anybody know the proper paints to repaint with ?

Capt. Larry Rau W6WUH  
Occidental California

-----  
Date: Sat, 9 Aug 1997 03:59:15 +0000  
From: Billy Wiggins <bwiggg@worldnet.att.net>  
To: boatanchors@sco.theporch.com  
Subject: part needed  
Message-ID: <19970809035909.AAB9298@LOCALNAME>

Hello to all,

I need choke L20 from a T-605 or a T-730 amplifier that is part of the TRC-75 or ARC-58 radio set. The choke is marked 1.0HY .055A and has the numbers TF4RX04YY and 678 1077 009. It is a small gray sealed choke that mounts with four screws.

Thanks,

Billy  
Albany, Ga

-----  
End of BOATANCHORS Digest 1610  
\*\*\*\*\*

>From ???@??? Sun Aug 10 19:12:31 1997  
Message-Id: <199708092328.SAA04121@sco.theporch.com>  
Date: Sat, 9 Aug 1997 18:28:50 CDT  
Subject: BOATANCHORS digest 1611

BOATANCHORS Digest 1611

Topics covered in this issue include:

- 1) Re: Hallicrafters SX23  
by Ken Gordon <keng@uidaho.edu>
- 2) Simpson 263 VOM help  
by David Prince <davprin@gil.com.au>
- 3) BAs for Bugs

- by K8MF0@aol.com
- 4) TV7-C/U questions  
by "JOSE V. GAVILA (EB5AGV/EC5AAU)" <eb5agv@ctv.es>
  - 5) RBA at Huntsville Hamfest  
by bill wilson <billo@nti.net>
  - 6) VHF-152A manual PDF  
by bdhall@ghg.net (Benjamin D. Hall)
  - 7) Re: BAs for Bugs  
by EdKB2NSP@aol.com
  - 8) Re: BOATANCHORS digest 1610  
by "James R. Binkley" <w4aos@his.com>
  - 9) Re: Hallicrafters SX23  
by DCrespy@aol.com
  - 10) Re: Hallicrafters SX23  
by bdhall@ghg.net (Benjamin D. Hall)
  - 11) Re: ART-13 in BCB, etc.  
by "Ray L. Mote" <rmote@rain.org>
  - 12) "Electronics World"  
by Reid Wheeler <reid@olywa.net>
  - 13) 40 meters...  
by Ken Gordon <keng@uidaho.edu>
  - 14) Fort Worth sale report  
by MNHopkins@aol.com
  - 15) Tecraft connection?  
by MNHopkins@aol.com
  - 16) hf tx FS, UK members only  
by BEN NOCK <G4BXD@compuserve.com>
  - 17) NEED INFO ON TMC RF DECK ALSO INFO ON TEK 315D SCOPE  
by "Daniel H. Arney Jr." <kn6di@idt.net>
  - 18) FS:1961 CQ magazines  
by jvercellino@sprynet.com
  - 19) R390 vs. R390A  
by laffitte@prtc.net (laffitte)
  - 20) Driver transformer wanted  
by RS2BK@aol.com
  - 21) First Baraboo, WI Hamfest  
by "Thomas A. Adams" <103360.2133@CompuServe.COM>
  - 22) Elgin/Cicero fests  
by William Donzelli <william@ans.net>
  - 23) Hammond Transformer Specs?  
by "Jan Skirrow" <dma@islandnet.com>
  - 24) HP 608F Help!  
by Spencer Petri <spetri@e-tex.com>
  - 25) One more time, HT-32 Meter  
by "Allan Fritsche" <fritsche@msn.com>
  - 26) HT-32 Meter Repair - Houston  
by "Allan Fritsche" <fritsche@msn.com>
  - 27) Pro Bono Eldico

by MNHopkins@aol.com  
28) How long do electrolytics hold their "form"  
by john <johnmb@mindspring.com>  
29) 608F Info.  
by Spencer Petri <spetri@e-tex.com>  
30) Re. Latest J-36 survey  
by "Thomas A. Adams" <103360.2133@CompuServe.COM>  
31) Sweep Tube Finals  
by Ron Thomas <rthomas@gulf.net>

-----  
Date: Fri, 8 Aug 1997 22:21:27 -0700 (PDT)  
From: Ken Gordon <keng@uidaho.edu>  
To: laffitte <laffitte@prtc.net>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Hallicrafters SX23  
Message-ID: <Pine.BSF.3.95.970808221938.4546A-100000@piobaire.mines.uidaho.edu>

> One other note. In the last 20 years I have owned 3 R390As. I bought my  
> first one from Fair in 1979 (may they last forever). Lately I obtained  
> an R390 and I like its performance better than the 390A even though  
> there are no mechanical filters here. Any comments on this observation  
> from those of you that have experience with both sets?

The main thing I don't care for in the R-390 is the use of 6080/6AS7 shunt  
regulator tubes in the power-supply. I have never liked these things:  
they run too hot and waste too much power. I don't think the 390A has  
them, but I could be wrong.

Ken W7EKB

-----  
Date: Sat, 09 Aug 1997 18:35:18 +1000  
From: David Prince <davprin@gil.com.au>  
To: Boatanchors <boatanchors@sco.theporch.com>  
Subject: Simpson 263 VOM help  
Message-ID: <33EC2BC4.9CEBD605@gil.com.au>

G'day gang,

Looking for a copy of Instruction manual/circuit  
diagram for above meter. Also what types/voltages are the batteries,  
please. Costs reimbursed, of course. Cheers

--  
Dave Prince VK4KDP

davprin@gil.com.au

Brisbane Military Radio Collection

-----  
Date: Sat, 9 Aug 1997 05:35:31 -0400 (EDT)  
From: K8MFO@aol.com  
To: boatanchors@theporch.com  
Subject: BAs for Bugs  
Message-ID: <970809053531\_-2075451666@emout11.mail.aol.com>

I am sorely in need of additional desk and shelf space in the shack. Every time that I make some progress, some new items appear! I am beginning to think that my XYL is going out to garage sales and filling my shelves!

I am willing to part with the following items. Not interested in selling them, but will trade for interesting "bugs" (the semi automatic key variety!)

1. Drake 2-NT transmitter. Very nice condition. These units have a built in antenna relay, and run about 75 watts. CW only. This one was hardly ever used. I tested it out by making a couple of 40 meter QSOs. Will also throw in a crystal.  
I have a good quality copy of the manual.

2. Heathkit AT-1 transmitter with AC-1 antenna coupler. This was Heath's first transmitter, and uses a 6L6 final. The transmitter looks good (not perfect). I have not fired it up. The coupler needs some paint touch up.  
Have a partial manual copy for the AT-1.

3. Hallicrafters SX-100 receiver. Looks great and works great. I have never seen a better one than this. Has original manual.

Again, only interested in trades for interesting bugs. Money would probably wind up with the XYL, and she might fill my shelves again! I have most of the common Vibroplex bugs, and am most interested in other brands.

Will respond directly to each inquiry. Not in any particular hurry, so will allow a few days for everyone interested to respond. What have you?

Don K8MFO k8mfo@aol.com

-----  
Date: Sat, 09 Aug 1997 12:56:55 +0200  
From: "JOSE V. GAVILA (EB5AGV/EC5AAU)" <eb5agv@ctv.es>  
To: boatanchors@sco.theporch.com  
Subject: TV7-C/U questions  
Message-ID: <3.0.1.32.19970809125655.006c53c8@pop.ctv.es>

Hi gang!

I've been looking at one known problem in my TV7-C/U, the filament voltage. The seller told me that he 'needed to put it manually, with the help of a voltmeter, in order to get accurate results'. Well, I've checked the voltage and, as a sample, in the 6.3V position, I get about 5.3V. The same happens in all filament positions. So I've opened the tester (nice work, BTW!) and gladly found it has a plastified schematics copy inside. I've measured the voltage at the transformer primary and, between points 1 and 2, I have only 74VAC when the LINE ADJUST is in the meter center (and this winding is rated at 130WV, 94V). So I suspected about the LINE measuring circuit... Looking into it, it has, among other components, two 1K/5% resistors, which go to a dual diode component and then to the meter. Well, one of them measures, IN CIRCUIT, about 1.3K and the other one about 3.5K (not too near its 5% tolerance, hi!). So I have thought about cheating the tester by adjusting the LINE ADJUST so the filament outputs are right, to be sure the meter circuit is wrong. But, when I approximate that point, the LINE FUSE lights clearly. I have measured the current drawn by the tester at about 330mA when it says is right and about 600mA when I say it is right (correct filament voltages). So the questions are: when the tester is operating right, does the LINE FUSE bulb light?. And which current does the tester drawn when it is without any tube connected?.

Any help will be welcomed!.

Thanks and best regards.

JOSE

-----  
73 JOSE V. GAVILA (EB5AGV / EC5AAU)  
Ausias March 46, 15  
46910 Benetusser - VALENCIA  
SPAIN

\*\*\*\*\* PLEASE, VISIT MY HOME PAGE! \*\*\*\*\*

<http://www.geocities.com/SiliconValley/6992/>  
e-mail: eb5agv@ctv.es & eb5agv@amsat.org

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Date: Sat, 9 Aug 1997 07:07:59 -0500  
From: bill wilson <billo@nti.net>  
To: boatanchors@theporch.com  
Subject: RBA at Huntsville Hamfest  
Message-ID: <19970809120758198.AAA82@NOTORIOUS>

I need to make a little room on the one of the shelves here for the WA4KCY ART-13 power supply and ART-13. Does anyone need a RBA? I can bring it to the Huntsville, Al. hamfest next SAT (Aug. 16). It is in very good condition with original manual...no power supply though. It is Grey in color and was overhauled in the 1960's by a Naval shipyard.

Asking \$115 plus help getting it out of the car to your car/truck/van.

Thanks,

Bill  
W4BIZ  
Jacksonville, Al.

I'll be leaving for vacation on SUN noon and won't be back until THUR.

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Date: Sat, 09 Aug 1997 07:48:15 -0500  
From: bdhall@ghg.net (Benjamin D. Hall)  
To: BoatAnchors@SCO.ThePorch.Com  
Subject: VHF-152A manual PDF  
Message-ID: <3.0.32.19970809074810.006cf2a0@mailman.ghgcorp.com>

Greetings all.

I am in the process of scanning in an RME VHF-152A manual for e-mail attachment transmission in Adobe Acrobat format to Jose Gavila in Espana (Spain).

Would anyone else desire a copy? Wouldn't take any extra effort, just another name in the to: field.

Later y'all,

ben

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Benjamin D. Hall, KD5BYB (yes, the FCC finally issued my call!)  
Engine and radio collector / operator extraordinaire.  
Located in Houston, Texas, United States of America.  
e-mail: BDHall@ghg.net web: <http://www.ghgcorp.com/bdhall>

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Date: Sat, 9 Aug 1997 09:06:54 -0400 (EDT)  
From: EdKB2NSP@aol.com  
To: K8MFO@aol.com, boatanchors@theporch.com  
Subject: Re: BAs for Bugs  
Message-ID: <970809090654\_308880674@emout17.mail.aol.com>

Hi Don

Does your XYL have any sisters ? <VBG>

Ed K.

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Date: Sat, 09 Aug 1997 09:09:22 -0700  
From: "James R. Binkley" <w4aos@his.com>  
To: boatanchors@theporch.com  
Subject: Re: BOATANCHORS digest 1610  
Message-ID: <33EC9632.6139@his.com>

Matt, I have both filters in my Ten-Tech Omni V, and I always use the 250 Hz bandwidth. If I could have only one, I would go for the 270 Hz in a flash and never look back. That is, provided it is easy enough to tune your receiver in 10 Hz steps or so as in modern transcievers, otherwise you should use your judgment whether or not the tuning in your receiver is sufficiently precise for you to tune signals into the 270 Hz filter bandwidth.

There is one other consideration, you must be prepared for the fact that most folks will not come back to you spot on in the middle of the 250 Hz filter, If this is a stand-alone receiver, that is no big deal, its easy enough to tweak the receiver tuning. If it is a transciever then you must be prepared to use your RIT.

73 Bob w4aos@his.com

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Date: Sat, 9 Aug 1997 09:57:38 -0400 (EDT)  
From: DCrespy@aol.com

To: bdhall@ghg.net  
Cc: boatanchors@theporch.com  
Subject: Re: Hallicrafters SX23  
Message-ID: <970809095737\_-119812775@emout19.mail.aol.com>

Ben

On the R390 vs R390 A. ... The way I understand it, except for the filters.. the R-390A is actually a reduced cost version of the 390. I've been told that there are fewer stages of amplification (RF and IF ??) and, as a result, the noise figure is not as good in the 390A. I was also told that there were some other differences to reduce cost.. but I don't remember what they were.

My source was an Air Force tech who used to worked on the radios. I have owned a 390 and really enjoyed it (regret now selling it).. I've never had a 390A.

I've copied BA to see if someone else can confirm this.

Harry KG5LO  
Saline MI

-----  
Date: Sat, 09 Aug 1997 09:40:12 -0500  
From: bdhall@ghg.net (Benjamin D. Hall)  
To: DCrespy@aol.com, Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Hallicrafters SX23  
Message-ID: <3.0.32.19970809093440.006c610c@mailman.ghgcorp.com>

>On the R390 vs R390 A. ... The way I understand it, except for the filters..  
>the R-390A is actually a reduced cost version of the 390. I've been told  
>that there are fewer stages of amplification (RF and IF ??) and, as a result,  
>the noise figure is not as good in the 390A. I was also told that there were  
>some other differences to reduce cost.. but I don't remember what they were.  
> My source was an Air Force tech who used to worked on the radios.  
>I have owned a 390 and really enjoyed it (regret now selling it).. I've never  
>had a 390A.

The R-390A is indeed a reduced cost version of the R-390. If I remember correctly, there is a file in the archives that is the Cost Reduction Report that details the cost reductions between the receivers. I don't remember about the reduced IF and RF stages, but I'd doubt that the noise figure suffers, as I'd imagine that noise figure was something that the Signal Corps would have closely controlled in the R-390A specifications.

Can anyone comment?

Thanks and 73,  
Ben



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Benjamin D. Hall, KD5BYB (yes, the FCC finally issued my call!)  
Engine and radio collector / operator extraordinaire.  
Located in Houston, Texas, United States of America.  
e-mail: BDHall@ghg.net web: <http://www.ghgcorp.com/bdhall>

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Date: Sat, 9 Aug 1997 08:10:04 -0700 (PDT)  
From: "Ray L. Mote" <[rmote@rain.org](mailto:rmote@rain.org)>  
To: Boatanchors <[boatanchors@sco.theporch.com](mailto:boatanchors@sco.theporch.com)>  
Subject: Re: ART-13 in BCB, etc.  
Message-ID: <Pine.SUN.3.96.970809080043.22846g-1000000@coyote.rain.org>

I think we're missing the point here. The military in WW2 "owned" essentially \*all\* the spectrum, from DC to daylight, whenever they needed it for war use. Also, that part of the spectrum was not used for "broadcast" service worldwide, only in some areas. Yes, there were instances where military gear was used for "broadcasting" in that part of the spectrum, but these were the exception and not the rule. Otherwise, why build equipment and install it in a \*bunch\* of aircraft?

The other side of the coin is on the receiving end. The ubiquitous "broadcast" receivers in the various Command Set lines were never intended for use literally as broadcast receivers. Instead, they were the IF and demodulator for the AN/ARR-1, ZA, ZB, and ZBX UHF homing adapters (converters). When the AN/ARR-2 came out as a complete UHF homing receiver, they were no longer needed for new production. (And all those excess BC-946's, etc. still new in the box were later made available to \*us\*!!)

73....Ray Mote, K5FKT <[rmote@rain.org](mailto:rmote@rain.org)> Oxnard, CA

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Date: Sat, 9 Aug 1997 08:14:21 -0700  
From: Reid Wheeler <[reid@olywa.net](mailto:reid@olywa.net)>  
To: "'boatanchors@theporch.com'" <[boatanchors@theporch.com](mailto:boatanchors@theporch.com)>  
Subject: "Electronics World"  
Message-ID: <01BCA49C.567FC9C0@doug7.olywa.net>

A friend recently sent me a copy of a June 1961 "Electronics World" article by a Jim Kyle, K5JKX, titled 'Improving Receiver Sensitivity'. I am considering reprinting it (most likely an edited summary) but I would like to at least try to get permission from either the original author or from the magazine itself. My searches

on the internet have produced nothing.

Can anyone tell me what has happened to "Electronics World" or the whereabouts of Mr. Kyle?

Thanks for any assistance.

Reid Wheeler  
5910 Boulevard Lp SE  
Olympia WA 98501-8408

-----  
Date: Sat, 9 Aug 1997 08:32:56 -0700 (PDT)  
From: Ken Gordon <keng@uidaho.edu>  
To: boatanchors@sco.theporch.com  
Subject: 40 meters...  
Message-ID: <Pine.BSF.3.95.970809082531.10415A-100000@piobaire.mines.uidaho.edu>

was pretty hot last night. Some DX and some sort of contest going on. I heard KD6POC calling CQ near 7015 (one of my crystal frequencies). Although he was at least 2 kc lower in frequency than myself, he was so strong I called him anyway...with a 1 X 1!

He instantly came back to me! He was using an Eico 720 and an SX-43 (as I remember it), and was CRYSTAL controlled himself. We were both running full QSK and he is, apparently, a member of this list.

Very enjoyable QSO.

I sure wish more of you guys would "...listen wide..." as he called it.

He gave me a 559 from my '109. He was 57/89 here. (No S-meter in the R-1004)

Night before last I worked W7WE in Reno until the band changed. He was 599 and answered my CQ on 7020. We had a nice chat.

Even with my 1/2 antenna which I lifted off the ground and tied to the fence. Maybe that extra 5 feet in height (from zero) helped?

Ken W7EKB

-----  
Date: Sat, 9 Aug 1997 11:33:13 -0400 (EDT)  
From: MNHopkins@aol.com

To: Boatanchors@theporch.com  
Subject: Fort Worth sale report  
Message-ID: <970809113312\_-522033418@emout01.mail.aol.com>

Somewhat slim boatanchor pickings at Hardin's Electronics monthly tailgate sale.

Sightings:

Hammarlund HQ-170, not the opening top -A model, but no price specified  
(I can find this guy, however, if an HQ-170 shortage occurs)

Clegg Thor 6 Six Meter AM TCVR with separate AM MOD/PS in good shape plus copy of manual -- I have repaired this particular set. This owner turned down "\$30 to \$40" and was cagey.

Pair Heathkit Phone Patches, green, \$10 asked.

RCA Volt Ohmmist meter, given away.

Solid state sellers outnumbered us this time so my only purchase was a National Knob with black plastic center. Quote of day from fellow trying to sell NIB enclosures: "There just must not be any homebrewers anymore."

de ab5l, michael in dallas, MNHopkins@AOL.com

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Date: Sat, 9 Aug 1997 12:08:22 -0400 (EDT)  
From: MNHopkins@aol.com  
To: Boatanchors@theporch.com  
Subject: Tecraft connection?  
Message-ID: <970809120821\_-1973147577@emout14.mail.aol.com>

I got lucky. Last week I offered my Tecraft 2 to 20M converter and no one bought it. That is a good thing because today, in a trade for my passion, The International Crystal 6M modular STP-50 etc., I obtained a Tecraft TR-44 2 Meter TX and, a second Tecraft 2 meter RX converter...maybe.

Comparing new converter with old I find that new has one LESS tube and coil -- V4, a 6J6 is plugged as is the coil hole. My heart palpated with the thought that this might be a 6 Meter number, my passion, wandered into a 2m box.

So, Boatanchor erudites, lots of us can tell the Johnson Rangers apart (one does 6M!), but is there anyone who can differentiate the Tecraft line, or just wants to talk about it?

73 de ab51, who runs a 1958 International Xtal STP-50 converted to grid block keying on 6M QRQ QRP CW (no crowds) MNHopkins@AOL.com

-----  
Date: Sat, 9 Aug 1997 12:39:14 -0400  
From: BEN NOCK <G4BXD@compuserve.com>  
To: Multiple recipients of 1 <boatanchors@sco.theporch.com>  
Subject: hf tx FS, UK members only  
Message-ID: <199708091239\_MC2-1CBC-E1B2@compuserve.com>

Military hf high power set FS.

RCA MI-8167 350 watt 1.5-20 Mhz

200 Pound or consider swap (w.h.y.)

collect only.

Ben G4BXD.

-----  
Date: Sat, 09 Aug 1997 09:57:18 -0700  
From: "Daniel H. Arney Jr." <kn6di@idt.net>  
To: boatanchors@theporch.com  
Subject: NEED INFO ON TMC RF DECK ALSO INFO ON TEK 315D SCOPE  
Message-ID: <33ECA16E.75B0@mail.idt.net>

Hi gang I had a TMC RF Deck follow me home from TRW.  
Has a PL-172 final 6146 driver. No power supply nor exciter.

Anbody have a model number. Manual schematics any help. will pay for copy. Any reference to info. on TMC.

My cousin brought me a TEK 315D scope that was crungy but works.  
Gave it a bath inside/out. blew away about 1 pound of dust before the bath. It now shines Anyone have any info on this little jewel. It cost me 2 cool 807's. Heck of a deal.

Thanks,  
Hank KN6DI

-----  
Date: Sat, 9 Aug 1997 11:13:46 -0700  
From: jvercellino@sprynet.com  
To: Boatanchors@sco.theporch.com

Subject: FS:1961 CQ magazines

Message-ID: <199708091813.LAA26055@m1.sprynet.com>

I have a complete set of 1961 CQ magazines for sale or trade as a set.

Here are some of the titles in the issues:

"Product Detector for the SX100"

"Reviews of the SX111 and the Knight-Kit T400"

"Inexpensive screen grid modulation"

"Heath Twoer Review", "Modulation, Audio Power, & Readability"

"Review of the Heath DX100B"

"Improving Ranger CW Operation"

"Ultimate Conversion of the Super Pro"

"Updating the 75A2", "Modifying the Viking I"

"Rebuilding the BC669", "Gamma Matched 160 Vertical"

and so on...I'm charging the issue price for these magazines, which was \$0.50 per issue except for the November issue, which was \$1.00. That comes to \$6.50 plus shipping of \$3.50 makes it \$10.00. Or will consider trade...

73, John jvercellino@sprynet.com

-----  
Date: Sat, 09 Aug 1997 14:26:32 -0300

From: laffitte@prtc.net (laffitte)

To: boatanchors@theporch.com

Subject: R390 vs. R390A

Message-ID: <33ECA848.9D00@prtc.net>

Hello BA gang. I have read the responses to my posting regarding the R390 vs. R390A receivers. I must recognize that I do not use my R390 for monitoring CW a lot (although CW is my favorite for DXing). I agree that those 6082s voltage regulator tubes produce too much heat and they are not present in the R390A. The audio of the R390 is also not as strong as the R390A. The performance in the BC bands is what I find better. It is sort of cleaner and clearer and the selectivity options work very well for this kind of reception. In addition, if the R390A is a reduced cost version of the R390, I would not be surprised if corners were cut here and there. This of course doesn't mean that the R390A is way below the R390 (I like them both). It is just that I became curious about my observation and thought that it would be a good discussion item for this group.

TNX and 73s Guido E. Santacana KP4FAR

BA collector in the tropics

San Juan, Puerto Rico

-----  
Date: Sat, 9 Aug 1997 14:40:30 -0400 (EDT)

From: RS2BK@aol.com  
To: boatanchors@theporch.com  
Subject: Driver transformer wanted  
Message-ID: <970809144028\_953214932@emout13.mail.aol.com>

Fellow BAers. I'm looking for a stancor A-3800 driver transformer . This is a class B xmformer with a 5000 ohm primary and a taped secondary, 500/250/15/8/4. It's rated a 30 watts. something fairly close will do. 15 watts is good but 20 or higher is fine.  
Jim, w9ud

-----  
Date: 09 Aug 97 15:13:01 EDT  
From: "Thomas A. Adams" <103360.2133@CompuServe.COM>  
To: BOATANCHORS <BOATANCHORS@theporch.com>  
Subject: First Baraboo, WI Hamfest  
Message-ID: <970809191301\_103360.2133\_JHL72-1@CompuServe.COM>

Troops,

This morning the Yellow Thunder ARC held it's first hamfest, at the Sauk County Fairgrounds near Baraboo, Wisconsin, about a half hour northwest of Madison via Interstate 90 / 94.

This one has additional attractions, because Baraboo is the family home of the Ringling Brothers, and that connection has spawned the Circus World Museum. If you ever come up to this 'fest in the future, I'd HIGHLY RECOMMEND that you allow some extra time to check out Circus World; the place is fascinating! On top of it, the area around Baraboo has FABULOUS scenery; a combination of the Baraboo Bluffs (the home of a BUNCH of FM transmitter sites and the 880 repeater, serving Madison, tho it's 50 miles away), and the beginnings of the "coulee country" (deep, river eroded valleys that were untouched by the last Ice Age) that extends west to the Mississippi River. The sight of the isolated little farms tucked back in the coulees kind of gives you a feel for what Wisconsin must have been like in the last century.

OK, enuff of doing the State Tourism Office's job... Us transplanted FIBS (F\_\_king Illinois B\_\_tards, or, "Flatlanders", as the native Wisconsinites lovingly [?] refer to us) tend to get enthusiastic about this place.

For the first attempt at running a new hamfest we weren't expecting too much, but things went a lot better than we thought they would. This one definitely has a lot of promise if they stay at the county fairgrounds. Lots of parking (free, a BIG point to Madison hams who can pay as much as \$500 a year for parking space at work in downtown Madison, and stay on a waiting list for two years or more to get it!), lots of space for a flea market area, and a quick, easy drive for most of the southwestern part of the state. I can see La Crosse, Eau Claire, and

maybe even the Twin Cities eventually coming to this one. In addition, there was camping available on the grounds.

As I said, thin turnout, but a few interesting items.

- Hallicrafters SX-100	Quite good condition		\$195
went			
- Collins 74A4	Sorta rough, no cabinet		
\$400	???		
- Heathkit SB-	line, mostly complete, good shape		\$???
???			
- Hallicrafter "Skyrider Junior"	(early S-38 incarnation?)		\$50
???			
- Hallicrafters S-36	Average to good shape		\$???
???			
- National HRO-7	Pretty good shape, only saw one coil	\$240	???
- B&W SSB generator	Quite good shape; I was tempted	\$90 ?	???

A smattering of parts, some QUITE interesting, like NIB / NOS General Radio variable capacitors (500 pf and 1000 pf). I came home with four big, unused Radio Switch Corporation ceramic rotary switches (my only purchase) that the seller claimed were replacement parts for some big linear amp's tank circuit (at this hamfest, Hallicrafters, of course <g>), at a price that can only e described as quite in line with thier value. Somebody had several 4-400A tubes (apparently pull-outs) at \$35.00 a copy, \$120.00 for four.

Not a lot of stuff, but some good parts for a ham looking to put together a linear amplifier.

This one bears watching. Next year, once the word gets out, this will probably become a pretty good rural hamfest.

73's,

Tom, K9TA

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Date: Sat, 9 Aug 1997 16:39:32 -0400 (EDT)  
From: William Donzelli <william@ans.net>  
To: boatanchors@theporch.com  
Subject: Elgin/Cicero fests  
Message-ID: <199708092039.AA05447@interlock.ans.net>

The Elgin Radiofest nearly died a slow death this year - beautiful

weather, but the high space fee (\$50 this time!) seemed to turn away many sellers. Quite a few spaces in the lot were vacant, and the "overflow" only extended half way into the grass. Quite a disappointment. The only thing that saved it was a truly great junker auction - many deals were had for pocket change (literally, in some cases).

Anyway, I think someone else reported ham type electronics - sparse. The military electronics was even less visible. I saw...

BC-745-A pogostick radio, ratty - sold, I know not how much.

PP-51/APQ-9 power supply, just out of the box - \$5, now mine. Hey Mr. Hanz, what is an AN/APQ-9?

RBC-2 HF radio, complete, with facelift - \$9, eventually, now mine. This started at \$120, but ended up in the junker auction. It will be "fun" removing the woodgrain contact paper and funky knobs from it.

REB panoramic adaptor, OK - \$6, now mine. This seems to be a late war version of the RBU family. Does anyone have any data on this beast?

Various military tubes (of course) - \$varied, bargains and ripoffs. The audio weenies were in full force, but I did manage to get some goodies (801s). Also found were some CG-1984s (pre-1932 Navy UV-211s, Signal Corps equivalents are VT-4-Bs) - some were tipped, all but two had shattered filaments. I also found a NIB CG-1162, a very crude looking thing from just after the Great War.

DM-42-A dynamotor, new - sold, again for a mystery sum.

AN/PRS-5 mine detector - unsold.

Troop Entertainment set, Signal Corps, unknown number - unsold.

BC-645-A Mk 4 IFF transponder - unsold.

BC-348-? radio, hacked - \$95, unsold.

Sparse!

I also purchased a Scott SLRM. It is interesting in that it is a post 1945 version with a grey face and a red tag. I do not know why I purchased it - I should know better!

Anyway, me being at the fest was a bit of a fluke, as I am now an East Coaster. If I go next year and it is worse, I may have to stick with the AWA show.

Additionally...

I heard that there is a hamfest at Sportsman's Park in Cicero, IL this Sunday. If so, I should drag a bunch of crap out that is not worthy of a trip to New York. Can someone please give me the specifics for this fest?

William Donzelli  
william@ans.net



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Date: Sat, 9 Aug 1997 14:20:27 -0700  
From: "Jan Skirrow" <dma@islandnet.com>  
To: "Boatanchors" <boatanchors@theporch.com>  
Subject: Hammond Transformer Specs?  
Message-ID: <m0wxIy7-0006fXC@mail>

Does anyone know the specs on a Hammond 88900 Transformer?

Thanks

Jan Skirrow, VE7DJX

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Date: Sat, 9 Aug 1997 16:38:11 -0500 (CDT)  
From: Spencer Petri <spetri@e-tex.com>  
To: boatanchors@theporch.com  
Subject: HP 608F Help!  
Message-ID: <m0wxJD9-0000i7C@e-tex.com>

Hello HP officinados,

Finally did it. Keyed my 2 mtr setup into the venerable old 608F. Before I get some help to wrestle it out of the rack, can someone send me the pertinent poop I need. Like maybe schematic and parts layout and values of the generator output section. No book here. Any help appreciated and reimbursement for sure.

TIA,

73 de Pete WA5JCI

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EM-21--6 Mtr -- WAS #490, WAC CW, DXCC/91 Countries, VUCC #361/622 Grids  
\*\*\*\*\*  
2 Mtr -- 36 States -- VUCC #346/183 Grids  
\*\*\*\*\*

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Date: Fri, 8 Aug 97 22:56:43 UT

From: "Allan Fritsche" <fritsche@msn.com>  
To: boatanchors@theporch.com  
Subject: One more time, HT-32 Meter  
Message-ID: <UPMAIL03.199708092146060731@msn.com>

Well I guess I need a meter that is working order...  
Will make it worth someones time and effort, Post direct to me.  
Thanks  
Al  
fritsche@msn.com

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Date: Fri, 8 Aug 97 22:55:07 UT  
From: "Allan Fritsche" <fritsche@msn.com>  
To: boatanchors@theporch.com  
Subject: HT-32 Meter Repair - Houston  
Message-ID: <UPMAIL03.199708092146050606@msn.com>

Hey Gang, Dan sent me on a source here in Houston for the repair of my HT-32 Meter. To quote the company, " We don't repair anything that is associated with a company that has long gone out of business, I.E. Halli, Hammers, Heaths. Can't get parts. Well Hell, If they were still in business I would buy a new meter from them... Go figure?

So unless you have a Drake, forget the below:

Meters and Instruments  
A Divison of Metermaster  
9431 Winkler  
Houston, Texas 77017  
TEL : 713-943-1211

Sorry Dan

Al  
fritsche@msn.com

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Date: Sat, 9 Aug 1997 18:20:53 -0400 (EDT)  
From: MNHopkins@aol.com  
To: Boatanchors@theporch.com  
Subject: Pro Bono Eldico  
Message-ID: <970809182052\_131932547@emout09.mail.aol.com>

I failed to mention this when I posted my impressions of the Fort Worth ham sale. Perhaps it was cognitive dissonance. Sometime we have trouble seeing

what we do not expect:

A fellow had an Eldico SSB system Control Unit for sale by itself, \$35.

Such things are almost always part of a four box system with CU, P/S, TX and RX resulting from a May 12, 1960 contract that created about 300 of these Collins look alikes. The sets are seen as high as \$1600 asked, but usually trade in the \$600 - \$750 range. I have seen the TX and RXs separate, but never the Control unit.

Good news is that I know this guy and have had some business dealings with him. I can connect anyone who is interested, although I am not interested financially.

73 de ab51, michael in dallas who has the world's largest collection of International Crystal STP-50 6M transmitters (three). MNHopkins@AOL.com

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Date: Sat, 09 Aug 1997 18:52:19 -0400  
From: john <johnmb@mindspring.com>  
To: boatanchors@theporch.com  
Subject: How long do electrolytics hold their "form"  
Message-ID: <199708092255.SAA26555@brickbat8.mindspring.com>

I'm busy (?) forming can type electrolytic caps in preparation for smoke testing my Globe King 500C. My question to the group is , how long does it take for the oxide layer I'm now creating, to dissapate? At this rate, I feel like I'm pumping up tires on a car with four leaks. Once formed, how long do eletrolytics maintain low leakage (plus/minus 100% is plenty accurate!)

Best  
/John

PS: The Globe's at:

[www.mindspring.com/~johnmb/gk.htm](http://www.mindspring.com/~johnmb/gk.htm)

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Date: Sat, 9 Aug 1997 18:01:27 -0500 (CDT)  
From: Spencer Petri <spetri@e-tex.com>  
To: boatanchors@theporch.com  
Subject: 608F Info.

Message-ID: <m0wxKVj-000045C@e-tex.com>

Found a source for the needed info. Thanks.

73 de Pete WA5JCI

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*****
EM-21--6 Mtr -- WAS #490, WAC CW, DXCC/91 Countries, VUCC #361/622 Grids
*****
      2 Mtr -- 36 States -- VUCC #346/183 Grids
*****
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Date: 09 Aug 97 19:24:54 EDT  
From: "Thomas A. Adams" <103360.2133@CompuServe.COM>  
To: BOATANCHORS <BOATANCHORS@theporch.com>  
Cc: "Paul Bock, K4MSG" <bocks@erols.com>  
Subject: Re. Latest J-36 survey  
Message-ID: <970809232454\_103360.2133\_JHL66-1@CompuServe.COM>

Hello Paul.

I didn't know you were running a J-36 survey, otherwise I'd have replied sooner.

Add the following keys, currently residing in my collection;

Lionel            Order No. 7861-PHILA-43            S/N 125XX

(the XX for the last 2 digits is being sent because this message is also going to the list; standard precaution)

Vibroplex    Order No. 5702-NY-41 Date 6-6-41            S/N 17XX

J. H. Bunnell & Co.            Order No. 6001-Phila-43    Date 8-4-42    S/N 2XX

J. H. Bunnell & Co.            Order No. 6001-Phila-43    Date 8-4-42    S/N 3XX

The main reason I'm sending this to the BOATANCHORS list is to point out the following to OTHER J-36 owners; Be advised that there are AT LEAST TWO VERY DIFFERENT VERSIONS OF THE J-36 PRODUCED BY J. H. BUNNELL!

The serial numbers on mine are approximately 150 units apart.

The higher serial number is clearly a Lightning Bug / Vibroplex #6 clone.

The lower serial number is sort of a Blue Racer on a full sized base, but with a postwar, roller / post type buffer. The speed weight is totally unique in design, having THREE pieces; a sort of skeletonized weight body, a weight set screw, and a VERY thick plated washer (maybe 3/8" thick) under the screw to add additional weight. Further, the pendulum is NOT the "rat tail" round type that a Blue Racer uses. It is, instead, a flat type like the Lightning Bug uses! Truly a WEIRD key!

If you wish any further info, like the complete serial numbers, E-MAIL me direct.

I am wondering if anyone else out there has any other oddball J. H. Bunnell & Co. J-36 variants. I'm beginning to think that Bunnell was sort of winging it for awhile, assembling keys out of ANY stray parts they had lying around.

73's,

Tom, K9TA

PS- The Lightning Bug clone J-36 is, without a doubt, the WORST handling bug I have ever used, and I've used a few in my time! The oddball, on the other hand, feels just like a Blue Racer, but with the heavy, full sized base it stays put a whole lot better.

PPS- The Vibroplex has a countersunk hole in the base for attachment to a tabletop. I have talked to Bill Holly and Randy Cole (east coast and west coast) re. the hole, and I've reached the conclusion that this was NOT a field modification; the hole is quite distinctive, and these two key historians seem to have keys that have holes in exactly the same spot, with identical characteristics.

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Date: Sat, 09 Aug 1997 18:29:57 -0500  
From: Ron Thomas <rthomas@gulf.net>  
To: boatanchors@theporch.com  
Subject: Sweep Tube Finals  
Message-ID: <33ECFD75.3A6F@gulf.net>

I am restoring a Swan 350C which has 6LQ6 finals. As near as I can tell all voltages are correct on the finals but I am unable to achieve the

50ma idle bias current and get no (very little) cathode current in tune mode. I think the tubes are flat but my tube checker doesn't test these.

The manual has an error in the voltage chart and it looks like the voltages for the earlier Swan 350 (which used 12 pin 6HF5s) were copied over into the 350C manual since the chart shows the 6LQ6s and lists voltages for 12 pins instead of 9. Wonder if anyone else has encountered this error?

Anyway, I am fairly certain that the currently installed tubes are bad, so before I proceed with troubleshooting, I'm wondering if anyone has a pair of 6LQ6s for sale? Subs for these tubes are 6MJ6s and 6JE6s. A matched pair would be nice but I will settle for two good tubes period.

Thanks & 73,

Ron N4RT

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End of BOATANCHORS Digest 1611  
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